Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Tuesday 01 Sep 2020 until 23:59 on Wednesday 02 Sep 2020

Forecast Issued on Monday 31 Aug 2020 at 14:25

Confidence: High for a spell of settled weather, lower for the timing and details of the breakdown during Wednesday.

Headline for Tuesday 01 Sep 2020: Another fine day with periods of sunshine.

Mountain weather hazards on Tuesday 01 Sep 2020

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Partly cloudy (night)	Sunny	Sunny intervals	Sunny intervals	Sunny intervals	Cloudy	Partly cloudy (night)
Precipitation probability							
<05%	<05%	<05%	<05%	<05%	<05%	<05%	00%

Forecast for Tuesday 01 Sep 2020

Weather: Clear spells and light winds overnight may allow the odd valley mist patch to form. These will clear quickly during the morning as the cloud base lifts and breaks allowing bright or sunny spells to develop. Feeling a little chilly where cloud persists but pleasant in the sunshine.

Chance of cloud free mountain/hill tops above 600m: 100%

Visibility: Poor in any valley mist patches around dawn but generally good becoming very good with distant hills clearly visible.

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Forecast for Tuesday 01 Sep 2020

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/10 SE	7/11 S	7/10 SE	8/12 S	9/15 SW	8/13 SW	5/8 SW	7/10 S	9/15 S
300	2/7 E	2/7 SE	2/7 SE	6/11 S	8/14 SW	7/13 SW	3/7 SW	2/7 S	4/12 SE
Valley	4/9 E	4/7 E	5/8 E	4/9 SW	8/15 SW	7/13 SW	2/6 SW	4/9 SE	6/13 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/7	9/7	9/7	11/9	12/10	12/11	12/11	10/9	10/8
300	8/8	8/8	8/8	13/12	15/14	15/14	14/14	11/11	11/10
Valley	11/10	11/10	11/10	15/14	16/15	17/16	15/15	13/13	12/12
Freezing Level*	1800m	1800m	1800m	1800m	2100m	2300m	2300m	2400m	2400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

After a chilly start, the sunshine will be strong during the afternoon, therefore suitable precautions are advised.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Mon 31 Aug 2020	0mm	0mm	0mm

Forecast for Wednesday 02 Sep 2020

Weather: Variable amounts of cloud overnight but also some clear spells. During daylight hours it will start fine and dry, with bright or sunny spells during the morning. Clouding over from the west, with outbreaks of rain arriving during the afternoon, with freshening winds. Wet and windy through the evening and overnight Wednesday into Thursday with gales possible over summits.

Maximum wind: South-westerly 38 gust 48 MPH over summits later in the day.

Chance of cloud free mountain/hill tops above 600m: 100 % until mid-afternoon when the cloud base will lower in rain. Reducing the chance of cloud free hill tops to 0% before 6.00pm.

Visibility: Excellent becoming moderate or poor in rain.

Temperature: **Valleys:** Plus 4 BECMG 14 Celsius
At 600m: Plus 9 BECMG 12 CELSIUS
Freezing level: Well above summits.

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